

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

878A.0010.U1(US)

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.
PCT/EP2003/051067

INTERNATIONAL FILING DATE
18 December 2003

PRIORITY DATE CLAIMED
30 December 2002

TITLE OF INVENTION

Multifunction Keypad

APPLICANT(S) FOR DO/EO/US

James ELDON, Simon LAWTON

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. A **FIRST** preliminary amendment.
16. A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. A substitute specification.
18. A power of attorney and/or change of address letter.
19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. Express Mail Label No. EV 713 825 805 US
23. Other items or information:
GB Search Report



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/541,085 Confirmation No.: 4067

Applicant(s): Eldon et al.

Filed: April 6, 2006

International Filing Date: December 18, 2003

Art Unit: 2629

Examiner:

Title: Multifunction Keypad

Attorney Docket No.: 884A.0120.U1(US)

Customer No.: 29,683

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Request For Corrected Filing Receipt

Sir:

This is in response to the Filing Receipt (copy enclosed) received in regard to the above-identified patent application. The Filing Receipt contains an error.

The title is incorrect. The correct title is:

"MULTIFUNCTION KEYPAD"

Enclosed are copies of the Transmittal Letter and the first page of the PCT Publication, WO 2004/059955. Please send the undersigned a corrected Filing Receipt.

Thank you.

Respectfully submitted,

Mark F. Harrington

Mark F. Harrington (Reg. No. 31,686)

5/4/06

Date

Customer No.: 29683

Harrington & Smith, LLP
4 Research Drive
Shelton, CT 06484-6212
203-925-9400

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail on the date shown below in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

5/4/2006
Date

Mark F. Harrington
Name of Person Making Deposit



UNITED STATES PATENT AND TRADEMARK OFFICE

Page 1 of 3
884A.0120.01(03)
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/541,085	04/06/2006	2629	1030	878A.0010.U1(US)	1	11	1

CONFIRMATION NO. 4067

29683
HARRINGTON & SMITH, LLP
4 RESEARCH DRIVE
SHELTON, CT 06484-6212

FILING RECEIPT



OC000000018591275

Date Mailed: 04/21/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

James Eldon, Fleet, UNITED KINGDOM;
Simon Lawton, Scunthorpe, UNITED KINGDOM;

Power of Attorney: The patent practitioners associated with Customer Number **29683**.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/EP03/51067 12/18/2003

Foreign Applications

UNITED KINGDOM 0230298.2 12/30/2002

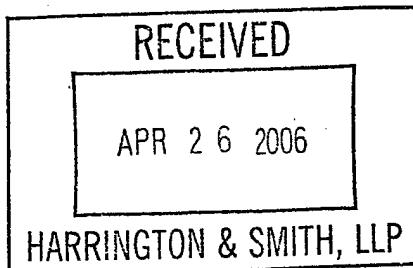
If Required, Foreign Filing License Granted: 04/20/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/541,085**

Projected Publication Date: 07/27/2006

Non-Publication Request: No

Early Publication Request: No



Title

~~Arrangement for integration of key illumination into keymat of portable electronic devices~~
Multifunction Keypad

Preliminary Class

345

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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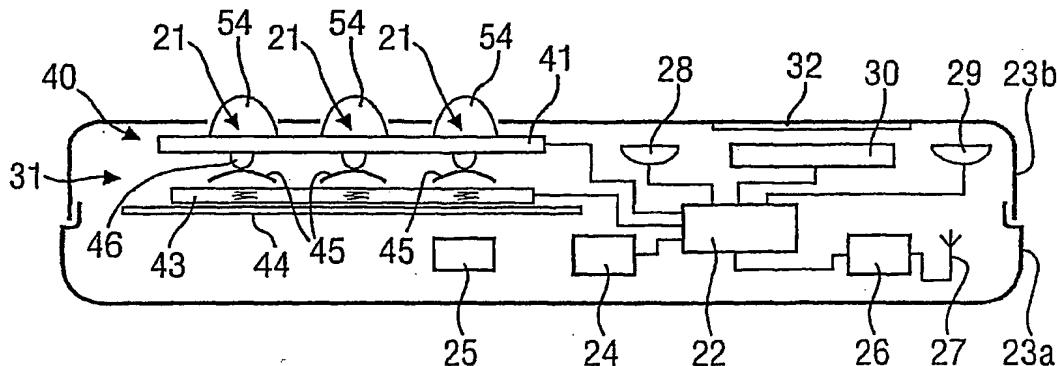
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Published:

— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MULTIFUNCTION KEYPAD



(57) Abstract: A keypad comprising: a set of switches; a set of key elements each capable of being moved by a user so as to operate a respective switch; and a display device, the display pattern of which can be varied under the control of a display controller, and arranged so as to be capable of propagating two or more patterns of light from at least some of the key elements; whereby indicia may be displayed from the key elements and the displayed indicia varied under the control of the display controller.

WO 2004/059955 A1